

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
2159.0030001/LBB/PACAPPLICATION NO.
10/764,604FIRST NAMED INVENTOR
McLachlan, *et al.*FILING DATE
January 27, 2004ART UNIT
1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA1	4,676,980	06/30/1987	Segal <i>et al.</i>			09/23/1985
AB1	4,722,848	02/02/1988	Paoletti <i>et al.</i>			06/19/1984
AC1	4,816,567	03/28/1989	Cabilly <i>et al.</i>			04/08/1983
AD1	4,831,175	05/16/1989	Gansow <i>et al.</i>			09/05/1986
AE1	4,946,778	08/07/1990	Ladner <i>et al.</i>			01/19/1989
AF1	5,099,069	03/24/1992	Gansow <i>et al.</i>			12/16/1988
AG1	5,124,471	06/23/1992	Gansow <i>et al.</i>			03/26/1990
AH1	5,229,275	07/20/1993	Goroff			04/26/1990
AI1	5,246,692	09/21/1993	Gansow <i>et al.</i>			08/22/1991
AJ1	5,286,850	02/15/1994	Gansow <i>et al.</i>			05/11/1992
AK1	5,434,287	07/18/1995	Gansow <i>et al.</i>			11/04/1993

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL1	WO 93/11161	06/10/1993	WIPO			N/A
AM1	WO 94/13804	06/23/1994	WIPO			N/A
AN1	EP 0 368 684 B1	03/09/1994	Europe			N/A
AO						
AP						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	1	Bierer, B. E., <i>et al.</i> , "Synergistic T Cell Activation Via The Physiological Ligands For CD2 And The T Cell Receptor," <i>J. Exp. Med.</i> 168: 1145-1156, Rockefeller University Press (1988)
AS	1	Bird, R. E., <i>et al.</i> , "Single-Chain Antigen-Binding Proteins," <i>Science</i> 242:423-426, American Association for the Advancement of Science (1988)
AT	1	Bowie, J. U., <i>et al.</i> , "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions," <i>Science</i> 247:1306-1310, American Association for the Advancement of Science (1990)

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Cel	AA2	5,460,785	10/24/1995	Rhodes <i>et al.</i>			01/03/1992
	AB2	5,545,806	08/13/1996	Lonberg <i>et al.</i>			12/16/1992
	AC2	5,545,807	08/13/1996	Surani <i>et al.</i>			08/05/1994
	AD2	5,567,610	10/22/1996	Borrebaeck <i>et al.</i>			10/17/1994
	AE2	5,569,825	10/29/1996	Lonberg <i>et al.</i>			12/17/1991
	AF2	5,585,089	12/17/1996	Queen <i>et al.</i>			06/07/1995
	AG2	5,591,669	01/07/1997	Krimpenfort <i>et al.</i>			05/30/1995
	AH2	5,648,267	07/15/1997	Reff			11/03/1993
	AI2	5,658,570	08/19/1997	Newman <i>et al.</i>			01/25/1995
	AJ2	5,693,761	12/02/1997	Queen <i>et al.</i>			06/07/1995
AK2	5,693,762	12/2/1997	Queen <i>et al.</i>			06/07/1995	

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	2	Breathnach, R., <i>et al.</i> , "Ovalbumin gene: Evidence for a leader sequence in mRNA and DNA sequences at the exon-intron boundaries," <i>Proc. Natl. Acad. Sci. USA</i> 75:4853-4857, National Academy of Sciences (1978)
	AS	2	Brennan, M., <i>et al.</i> , "Preparation of Bispecific Antibodies by Chemical Recombination of Monoclonal Immunoglobulin G ₁ Fragments," <i>Science</i> 229:81-83, American Association for the Advancement of Science (1985)
	AT	2	Brüggemann, M., <i>et al.</i> , "Designer Mice: The Production of Human Antibody Repertoires in Transgenic Animals," in <i>Generation of Antibodies by Cell and Gene Immobilization</i> , Terhorst, C., <i>et al.</i> , Karger AG, Basel, Switzerland, pp.33-40 (1993)

EXAMINER	DATE CONSIDERED 2-9-06
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Cg	AA3	5,693,780	12/2/1997	Newman <i>et al.</i>			06/07/1995
	AB3	5,733,779	03/31/1998	Reff			06/07/1995
	AC3	5,736,137	04/07/1998	Anderson <i>et al.</i>			11/03/1993
	AD3	5,756,096	05/26/1998	Newman <i>et al.</i>			06/07/1995
	AE3	5,811,524	09/22/1998	Brams <i>et al.</i>			06/07/1995
	AF3	5,843,439	12/01/1998	Anderson <i>et al.</i>			06/07/1995
	AG3	5,892,019	04/06/1999	Schlom <i>et al.</i>			09/01/1994
	AH3	5,939,598	08/17/1999	Kuchertapati <i>et al.</i>			07/30/1992
	AI3	5,969,108	10/19/1999	McCafferty <i>et al.</i>			01/08/1993
	AJ3	6,017,733	01/25/2000	Reff			01/26/1998
JK	AK3	6,075,181	06/13/2000	Kuchertapati <i>et al.</i>			06/07/1995

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	3	Carrasquillo, J. A., et al., "Improved Imaging of Metastatic Melanoma with High Dose 9.2.27 In-111 Monoclonal Antibody," <i>J. of Nucl. Med.</i> 26:P67, Society of Nuclear Medicine, Inc. (1985).
	AS	3	Carter, P., et al., "Humanization of an anti-p185 ^{HER2} antibody for human cancer therapy," <i>Proc. Natl. Acad. Sci. USA</i> 89: 4285-4289, National Academy of Sciences (1992)
	AT	3	Chabner, et al., "Antineoplastic Agents," in <i>Goodman & Gilman's The Pharmacological Basis of Therapeutics</i> , 9 th ed., Wonsiewicz, M. J., and McCurdy, P., eds., McGraw-Hill, New York, NY, pp. 1233-1287 (1996).

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W	AA4	6,159,730	12/12/2000	Reff			03/30/1999
↓	AB4	6,193,980	02/27/2001	Efstathiou <i>et al.</i>			09/17/1997
↓	AC4	6,399,061	06/04/2002	Anderson <i>et al.</i>			06/07/1995
W	AD4	6,682,734	01/27/2004	Anderson <i>et al.</i>			06/07/1995
	AE						
	AF						
	AG						
	AH						
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	AJ						
	AK						

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	AN						Yes No
	AO						Yes No
	AP						Yes No

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W	AR	4	Chothia, C., and Lesk, A. M., "Canonical Structures for the Hypervariable Regions of Immunoglobulins," <i>J. Mol. Biol.</i> 196:901-917, Academic Press Ltd. (1987)				
W	AS	4	Clackson, T., <i>et al.</i> , "Making antibody fragments using phage display libraries," <i>Nature</i> 352:624-628, Macmillan Magazines Ltd. (1991)				
W	AT	4	Cunningham, B. C., and Wells, J. A., "High-Resolution Epitope Mapping of hGH-Receptor Interactions by Alanine-Scanning Mutagenesis," <i>Science</i> 244:1081-1085, American Association for the Advancement of Science (1989)				

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						No
						Yes
						No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>5</u>	De Vos, A. M., <i>et al.</i> , "Human Growth and Extracellular Domain of Its Receptor: Crystal Structure of the Complex," <i>Science</i> 255:306-312, American Association for the Advancement of Science (1992)
	AS	<u>5</u>	Doudney, K., <i>et al.</i> , "Cloning and Characterization of <i>Igsf9</i> in Mouse and Human: A New Member of the Immunoglobulin Superfamily Expressed in the Developing Nervous System," <i>Genomics</i> 79:663-670, Elsevier Science (May 2002)
	AT	<u>5</u>	Fields, S., and Song, O., "A novel genetic system to detect protein-protein interactions," <i>Nature</i> 340: 245-246, Macmillan Magazines Ltd. (1989)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	6	Freedman, A. S., and Nadler, L. M., "Malignant Lymphomas," in <i>Harrison's Principles of Internal Medicine</i> , 13 th ed., Isselbacher, K. J., <i>et al.</i> , eds., McGraw Hill, Inc., New York, NY (1994)
	AS	6	Freshney, R. I., "Quantitation and Experimental Design," in <i>Culture of Animal Cells</i> , Alan R. Liss, Inc., New York, NY, pp. 227-296 (1987)
	AT	6	Gautier, C., <i>et al.</i> , "α-DNA IV: α-anomeric and β-anomeric tetrathymidylates covalently linked to intercalating oxazolopyridocarbazole. Synthesis, physicochemical properties and poly (rA) binding," <i>Nucleic Acids Research</i> 15:6625-6641, IRL Press Ltd. (1987)

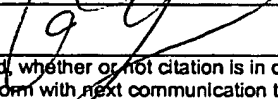
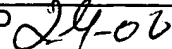
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							No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	Z	Gentz, R., <i>et al.</i> , "Bioassay for trans-activation using purified human immunodeficiency virus tat-encoded protein: Trans-activation requires mRNA synthesis," <i>Proc. Natl. Acad. Sci. USA</i> 86: 821-824, National Academy of Sciences (1989)
	AS	Z	Giovanella, B. C., <i>et al.</i> , "Heterotransplantation of Human Malignant Tumors in "Nude" Thymusless Mice. II. Malignant Tumors Induced by Injection of Cell Cultures Derived From Human Solid Tumors," <i>Journal of the National Cancer Institute</i> 52:921-930, U.S. Dept. of Health, Education, and Welfare (1974)
	AT	Z	Goding, J. W., "Production of Monoclonal Antibodies," in <i>Monoclonal Antibodies: Principles and Practice</i> , 2 nd ed., Academic Press Inc. , London, pp. 59-103 (1986).

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						Yes
						No
						Yes
						No
						Yes
						No
						Yes
						No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

UG	AR	8	Griffiths, A. D., <i>et al.</i> , "Human anti-self antibodies with high specificity from phage display libraries," <i>EMBO J.</i> 12:725-734, Oxford University Press (1993).
UG	AS	8	Holliger, P., <i>et al.</i> , "'Diabodies': Small bivalent and bispecific antibody fragments," <i>Proc. Natl. Acad. Sci. USA</i> 90:6444-6448, National Academy of Sciences (1993)
UG	AT	8	Huse, W. D., <i>et al.</i> , "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda," <i>Science</i> 246:1275-1281, American Association for the Advancement of Science (1989)

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							No
							Yes
							No
							Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	9	Huston, J. S., et al., "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in <i>Escherichia coli</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 85:5879-5883, National Academy of Sciences (1988)
	AS	9	Inoue, H., et al., "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and RNase H," <i>Febs Letters</i> 215:327-330, Elsevier Science Publishers B.V. (1987)
	AT	9	Inoue, H., et al., "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides," <i>Nucleic Acids Research</i> 15:6131-6148, IRL Press Ltd. (1987)

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4	AR	10	Jakobovits, A., <i>et al.</i> , "Analysis of homozygous mutant chimeric mice: Deletion of the immunoglobulin heavy-chain joining region blocks B-cell development and antibody production," <i>Proc. Natl. Acad. Sci. USA</i> 90:2551-2555, National Academy of Sciences (1993)
4	AS	10	Jakobovits, A., <i>et al.</i> , "Germ-line transmission and expression of a human-derived yeast artificial chromosome," <i>Nature</i> 362:255-258, Macmillan Magazines Ltd. (1993)
4	AT	10	Johnson, K. S., and Chiswell, D.J., "Human antibody engineering," <i>Curr. Opin. Struct. Biol.</i> 3:564-571, Current Biology Ltd. (1993)

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						No
						Yes
						No
						Yes
						No

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W	AR	11	Jones, E. W., "Proteinase Mutants of <i>Saccharomyces Cerevisiae</i> ," <i>Genetics</i> 85:23-33, Genetics Society of America, Inc. (1977).
y	AS	11	Jones, P. T., <i>et al.</i> , "Replacing the complementarity-determining regions in a human antibody with those from a mouse," <i>Nature</i> 321:522-525, Macmillan Journals Ltd. (1986)
N	AT	11	Kingsman, A. J., <i>et al.</i> , "Replication in <i>Saccharomyces cerevisiae</i> of Plasmid pBR313 Carrying DNA from the Yeast <i>trp</i> Region," <i>Gene</i> 7:141-152, Elsevier/North-Holland Biomedical Press (1979)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CM	AR	12	Köhler, G., and Milstein, C., "Continuous cultures of fused cells secreting antibody of predefined specificity," <i>Nature</i> 256:495-497, Macmillan Journals Ltd. (1975)
W	AS	12	Kyte, J., and Doolittle, R. F., "A Simple Method for Displaying the Hydropathic Character of a Protein," <i>J. Mol. Biol.</i> 157:105-132, Academic Press Ltd. (1982)
G	AT	12	Li, Y., and Zhu, C., "A modified Boyden chamber assay for tumor cell transendothelial migration <i>in vitro</i> ," <i>Clinical & Experimental Metastasis</i> 17:423-429, Kluwer Academic Publishers (1999)

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cy	AR	13	Marks, J. D., <i>et al.</i> , "By-passing Immunization: Human Antibodies from V-gene Libraries Displayed on Phage," <i>J. Mol. Biol.</i> 222:581-597, Academic Press Ltd. (1991)
y	AS	13	Marks, J. D., <i>et al.</i> , "By-passing Immunization: Building High Affinity Human Antibodies by Chain Shuffling," <i>Bio/Technology</i> 10:779-783, Nature Publishing Co. (1992)
u	AT	13	McCafferty, J., <i>et al.</i> , "Phage antibodies: filamentous phage displaying antibody variable domains," <i>Nature</i> 348:552-554, Macmillan Magazines Ltd. (1990)

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u	AR	14	Milstein, C., and Cuello, A. C., "Hybrid hybridomas and their use in immunohistochemistry," <i>Nature</i> 305:537-540, Macmillan Journals Ltd. (1983)
u	AS	14	Mobley, J. L., and Shimizu, Y., "Measurement of Cellular Adhesion Under Static Conditions," in <i>Current Protocols in Immunology</i> , Coligan, J. E., <i>et al.</i> , eds., John Wiley & Sons, Inc., New York, NY, Ch. 7.28 (1994).
u	AT	14	Morrison, S. L., <i>et al.</i> , "Chimeric human antibody molecules; Mouse antigen-binding domains with human constant region domains," <i>Proc. Natl. Acad. Sci. USA</i> 81:6851-6855, National Academy of Sciences (1984)

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W	AR	15	Morrison, S. L., and Oi, V., "Genetically Engineered Antibody Molecules," in <i>Advances in Immunology</i> , Vol. 44, Dixon, F. J., ed., Academic Press, Inc., San Diego, CA, pp.65-92 (1989)
Y	AS	15	Haynic, T.P., <i>et al.</i> , "The Effect of Radionuclide Dose on Imaging With Indium-111-Labeled Anti P-97 Monoclonal Antibody," <i>J. of Nuclear Medicine</i> 26:328-329, Society of Nuclear Medicine, Inc. (1985)
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u	AR	16	Old, L. J., "Cancer Immunology: The Search for Specificity--G. H. A. Clowes Memorial Lecture," <i>Cancer Res.</i> 41:361-375, American Association for Cancer Research (1981)
u	AS	16	Padlan, E. A., "A Possible Procedure for Reducing the Immunogenicity of Antibody Variable Domains While Preserving Their Ligand-Binding Properties," <i>Molecular Immunology</i> 28:489-498, Pergamon Press (1991)
u	AT	16	Padlan, E. A., "Anatomy of the Antibody Molecule," <i>Mol. Immunol.</i> 31:169-217, Pergamon Press (1994)

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ca	AR	17	Parker, C. W., "Radiolabeling of Proteins," in <i>Methods in Enzymology</i> , Vol. 182: <i>Guide to Protein Purification</i> , Deutscher, M. P., ed., Academic Press, Inc. San Diego, CA, pp. 721-737 (1990)
ca	AS	17	Pietersz, G. A., et al., "The use of monoclonal antibody conjugates for diagnosis and treatment of cancer," <i>Immunology and Cell Biology</i> 65:111-125, University of Adelaide (1987)
ca	AT	17	Pilkington, G. J., et al., "In Vitro and in Vivo Models for the Study of Brain Tumour Invasion," <i>Anticancer Research</i> 17:4107-4110, J.G. Delinassios, Anticancer Research (1997)

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ay	AR	18	Presta, L.G., "Antibody engineering," <i>Current Opinion in Structural Biology</i> 2:593-596, Current Biology Ltd. (1992)
W	AS	18	Presta, L., et al., "Humanization of an Antibody Directed Against IgE," <i>J. Immunol.</i> 151:2623-2632, American Association of Immunologists (1993)
W	AT	18	Reisfeld, R. A., and Cheresh, D. A., "Human Tumor Antigens," in <i>Advances in Immunology</i> , Vol. 40, Dixon, F. J., ed., Academic Press, Inc., Orlando, FL, pp. 323-377 (1987)

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Cy	AR	19	Ribatti, D., <i>et al.</i> , "The chick embryo chorioallantoic membrane as a model for <i>in vivo</i> research on angiogenesis," <i>Int. J. Dev. Biol.</i> 40: 1189-1197, UBC Press (1996)
Cy	AS	19	Riechmann, L., <i>et al.</i> , "Reshaping human antibodies for therapy," <i>Nature</i> 332:323-327, Macmillan Magazines Ltd. (1988)
W	AT	19	Rodriguez, R. L., and Denhardt, D. T., eds., "Introduction of Vector into Host Cells," in <i>Vectors: A Survey of Molecular Cloning Vectors and Their Uses</i> , Butterworth Publishers, Stoneham, MA, pp. 471-473 (1988)

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cy	AR	20	Rosenberg, S. A., ed., (Table of Contents), <i>Serologic Analysis of Human Cancer Antigens</i> , Academic Press, Inc., New York, NY, pp. v-x (1980)
cy	AS	20	Rosenstein, Y. <i>et al.</i> , "Direct Evidence for Binding of CD8 to HLA Class I Antigens," <i>J. Exp. Med.</i> 169:149-160, Rockefeller University Press (1989)
cy	AT	20	Shalaby, M. R., <i>et al.</i> , "Development of Humanized Bispecific Antibodies Reactive with Cytotoxic Lymphocytes and Tumor Cells Overexpressing the <i>HER2</i> Protooncogene," <i>J. Exp. Med.</i> 175:217-225, Rockefeller University Press (1992)

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Cg	AR	21	Sims, M. J., <i>et al.</i> , "A Humanized CD18 Antibody Can Block Function without Cell Destruction," <i>J. Immunol.</i> 151:2296-2308, American Association of Immunologists (1993)
Cg	AS	21	Smith, D. B., and Johnson, K.S., "Single-step purification of polypeptides expressed in <i>Escherichia coli</i> as fusions with glutathione S-transferase," <i>Gene</i> 67:31-40, Elsevier Science Publishers B.V. (1988)
M	AT	21	Smith, L. J., <i>et al.</i> , "Human Interleukin 4: The Solution Structure of a Four-helix Bundle Protein," <i>J. Mol. Biol.</i> 224:899-904, Academic Press Ltd. (1992)

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W	AR	22	Smith, T. F., and Waterman, M. S., "Comparison of Biosequences," in <i>Advances in Applied Mathematics</i> , Vol. 2, Rota, G., ed., Academic Press, Inc., New York, NY, pp. 482-489 (1981)
W	AS	22	Stein, C. A., and Cohen, J. S., "Phosphorothioate Oligodeoxynucleotide Analogues," in <i>Oligodeoxynucleotide: Antisense Inhibitors of Gene Expression</i> , Cohen, J. S., ed., CRC Press, Inc., Boca Raton, FL, pp. 97-117 (1989)
W	AT	22	Stinchcomb, D.T., <i>et al.</i> , "Isolation and characterisation of a yeast chromosomal replicator," <i>Nature</i> 282:39-43, Macmillan Journals Ltd. (1979)

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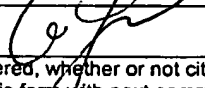
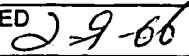
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	AR	23	Stitt, T. N., <i>et al.</i> , "The Anticoagulation Factor Protein S and Its Relative, Gas6, Are Ligands for the Tyro 3/Axl Family of Receptor Tyrosine Kinases," <i>Cell</i> 80:661-670, Cell Press (1995)
	AS	23	Stoltenborg, J. K., <i>et al.</i> , "A fluorescent cellular adhesion assay using insect cell produced human VCAM1," <i>J. Immunol. Meth.</i> 175:59-68, Elsevier Science B.V. (1994)
	AT	23	Stover, C. K., <i>et al.</i> , "New use of BCG for recombinant vaccines," <i>Nature</i> 351:456-460, Macmillan Magazines Ltd. (1991)

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W	AR	24	Suresh, M. R., <i>et al.</i> , "Bispecific Monoclonal Antibodies from Hybrid Hybridomas," in <i>Methods in Enzymology</i> , Vol. 121: <i>Immunochemical Techniques</i> , Langone, J. L., and Van Vunakis, H., eds., Academic Press, Inc., Orlando, FL, pp. 210-229 (1986)
W	AS	24	Takai, Y., <i>et al.</i> , "Direct evidence for a receptor-ligand interaction between the T-cell surface antigen CD2 and lymphocyte-function-associated antigen 3," <i>Proc. Natl. Acad. Sci. USA</i> 84:6864-6868, National Academy of Sciences (1987)
W	AT	24	Taylor, K. M., "LIV-1 Breast Cancer Protein Belongs to New Family of Histidine-Rich Membrane Proteins with Potential to Control Intracellular Zn ²⁺ Homeostasis," <i>IUBMB Life</i> 49:249-253, Taylor & Francis, Inc. (2000)

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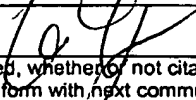
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	AR	<u>25</u>	Verhoeyen, M., <i>et al.</i> , "Reshaping Human Antibodies: Grafting an Antilysozyme Activity," <i>Science</i> 239:1534-1536, American Association for the Advancement of Science (1988)
	AS	<u>25</u>	Tschumper, G., and Carbon, J., "Sequence of a yeast DNA fragment containing a chromosomal replicator and the <i>TRP1</i> gene," <i>Gene</i> 10:157-166, Elsevier/North-Holland Biomedical Press (1980)
	AT	<u>25</u>	Tutt, A., <i>et al.</i> , "Trispecific F(ab') ₃ Derivatives That Use Cooperative Signaling Via the TCR/CD3 Complex and CD2 to Activate and Redirect Resting Cytotoxic T Cells," <i>J. Immunol.</i> 147:60-69, American Association of Immunologists, (1991)

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						No
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						No
						Yes
						No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

Cy	AR	26	Urlaub, G., <i>et al.</i> , "Effect of Gamma Rays at the Dihydrofolate Reductase Locus: Deletions and Inversions," <i>Somatic Cell and Molecular Genetics</i> 12:555-566, Plenum Publishing Corp. (1986)
Cy	AS	26	Ward, E. S., <i>et al.</i> , "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ," <i>Nature</i> 341:544-546, Macmillan Magazines Ltd. (1989)
Cy	AT	26	Wilson, I. A., <i>et al.</i> , "The Structure of an Antigenic Determinant in a Protein," <i>Cell</i> 37:767-778, Cell Press (1984)

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				Application Number	10/764,604
				Filing Date	January 27, 2004
				First Named Inventor	Karen McLachlan
				Art Unit	1642
Examiner Name	Lei Yao				
Sheet	1	of	1	Attorney Docket Number	2159.0030001/EKS/PAC

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
U	US1	5693465	12-02-1997	Manning <i>et al.</i>	
	US2	2003/0215457 A1	11-20-2003	de Sauvage <i>et al.</i>	
	US3				
	US4				
	US5				
	US6				
	US7				
	US8				
	US9				
	US10				
	US11				
	US12				
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	US16				
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
U	FP1	WO 01/55178 A2	08-02-2001	GODDARD <i>et al.</i>		
	FP2	WO 02/16939 A2	02-28-2002	MACK <i>et al.</i>		
U	FP3	WO 02/22660 A2	03-21-2002	TANG <i>et al.</i>		
	FP4	WO 02/055705 A2	07-18-2002	MEZES <i>et al.</i>		
	FP5	WO 02/099040 A2	12-12-2002	FRIEDMAN <i>et al.</i>		
	FP6	WO 03/042661 A2	05-22-2003	AFAR <i>et al.</i>		
	FP7	WO 03/051902 A1	06-26-2003	BAUGHN <i>et al.</i>		
	FP8	WO 2004/030615 A2	04-15-2004	WU <i>et al.</i>		
U	FP9	WO 2004/073657 A2	09-02-2004	AZIZ <i>et al.</i>		
	FP10	WO 2004/091548 A2	10-28-2004	STROVEL <i>et al.</i>		

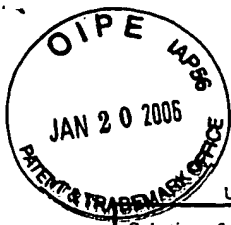
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FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/764,604
		Filing Date	January 27, 2004
		First Named Inventor	Karen McLachlan
		Art Unit	1642
		Examiner Name	Lei Yao
		Attorney Docket Number	2159.0030001/EKS/PAC
Sheet	1	of	1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T ²
U	NPL1	Shi, Song-Hai, <i>et al.</i> , "The immunoglobulin family member dendrite arborization and synapse maturation 1 (Dasm1) controls excitatory synapse maturation," <i>Proc. Natl. Acad. Sci. USA</i> 101:13346-13351, The National Academy of Sciences of the USA (September 2004)	
U	NPL2	Shi, Song-Hai, <i>et al.</i> , "Control of dendrite arborization by an Ig family member, dendrite arborization and synapse maturation 1 (Dasm1)," <i>Proc. Natl. Acad. Sci. USA</i> 101:13341-13345, The National Academy of Sciences of the USA (September 2004)	
U	NPL3	Letter from Andrew Chin, Associate Professor at The University of North Carolina at Chapel Hill to Dr. Karen McLachlan in regards to U.S. Patent Application No. 10/764,604, 3 pages (December 2004)	
U	NPL4	Chin, Andrew, "Table of Contents," for CD ROM (attached herewith), 1 page (March 2002)	
U	NPL5	Copy of sequence alignment between Applicants IGSF-9 sequence and the sequence submitted on the CD ROM, 2 pages (performed January 2005)	

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